

TABLE 10
ESTIMATED INSTRUMENT RATINGS HELD
DECEMBER 31, 1988 - 1997

Class of Certificate	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988
Total--All Pilots	297,409	297,895	298,798	302,299	305,517	306,169	303,193	297,073	282,804	273,804
Airplane 1/										
Private --Total	53,274	53,803	54,213	57,594	57,198	56,199	55,557	53,920	51,067	49,381
Private Airplane (only)	51,553	52,074	52,499	53,167	52,692	51,753	51,215	49,550	46,859	45,316
Private Airplane, Private Glider	1,134	1,141	1,118	1,128	1,111	1,096	1,103	1,069	1,023	1,007
Private Airplane, Commercial Glider	---	---	---	143	141	131	134	122	119	108
Private Airplane, Private Helicopter	542	546	555	512	501	470	451	432	403	356
Private Airplane, Private Glider, Private Helicopter	33	29	28	33	31	28	31	32	27	25
Private Airplane, Commercial Helicopter	---	---	---	2,584	2,693	2,688	2,594	2,683	2,606	2,537
Private Airplane, Private Gyroplane	7	7	5	4	4	4	3	5	5	3
Private Airplane, Private Glider, Commercial Helicopter	---	---	---	15	15	19	16	16	12	15
Private Airplane, Commercial Glider, Commercial Helicopter	---	---	---	7	9	9	9	10	12	13
Private Airplane, Other	5	6	8	1	1	1	1	1	1	1
Commercial --Total	110,235	113,390	117,321	122,924	126,493	128,828	129,774	129,426	123,908	121,674
Commercial Airplane (only)	93,292	95,989	99,218	106,047	109,442	111,350	111,835	110,719	105,402	102,982
Commercial Airplane, Private Glider	1,600	1,621	1,680	1,732	1,721	1,795	1,802	1,825	1,783	1,778
Commercial Airplane, Commercial Glider	2,781	2,852	2,912	3,012	3,012	3,036	3,048	3,141	3,037	3,033
Commercial Airplane, Private Helicopter	476	484	482	441	425	365	336	307	282	264
Commercial Airplane, Commercial Helicopter	8,984	9,267	9,662	11,011	11,220	11,612	12,079	12,716	12,708	12,911
Commercial Airplane, Private Glider, Commercial Helicopter	128	130	144	139	139	132	130	145	136	132
Commercial Airplane, Commercial Glider, Commercial Helicopter	421	440	448	449	448	468	474	496	488	506
Commercial Airplane, Commercial Gyroplane	21	19	21	23	23	17	18	22	19	15
Commercial Airplane, Commercial Helicopter, Commercial Gyroplane	13	16	22	22	21	17	16	17	16	18
Commercial Airplane, Commercial Gyroplane, Commercial Glider	7	5	4	5	3	1	2	2	2	1
Commercial Airplane, Commercial Glider, Private Helicopter	38	38	36	31	27	25	25	27	24	21
Commercial Airplane, Commercial Gyroplane, Commercial Helicopter, Commercial Glider	7	10	13	12	12	10	9	9	11	13
Commercial Helicopter, Private Airplane	2,193	2,250	2,407	---	---	---	---	---	---	---
Commercial Helicopter, Private Airplane, Private Glider	13	13	13	---	---	---	---	---	---	---
Commercial Helicopter, Private Airplane, Commercial Glider	12	11	5	---	---	---	---	---	---	---
Commercial Helicopter, Private Airplane, Commercial Gyroplane	1	1	1	---	---	---	---	---	---	---
Commercial Glider, Private Airplane	105	101	109	---	---	---	---	---	---	---
Commercial Balloon, Private Airplane	63	57	56	---	---	---	---	---	---	---
Commercial Balloon, Private Airplane Private Helicopter	1	2	2	---	---	---	---	---	---	---
Commercial Balloon, Private Airplane Private Glider	11	8	8	---	---	---	---	---	---	---

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Class of Certificate	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988
Commercial Airplane-other	68	76	78	---	---	---	---	---	---	---
Airline Transport --Total	130,858	127,486	123,877	117,434	117,070	115,855	112,167	107,732	102,087	96,968
Airline Transport Airplane (only)	126,792	123,429	119,817	115,200	114,863	113,692	110,131	105,830	100,317	95,282
Airline Transport Airplane, Airline Transport Helicopter	2,355	2,351	2,325	2,234	2,207	2,163	2,036	1,902	1,770	1,686
Airline Transport-other	1,711	1,706	1,735	---	---	---	---	---	---	---
Rotorcraft (only)--Total	3,042	3,216	3,387	4,347	4,756	5,287	5,695	5,995	5,742	5,781
Private Helicopter (only)	5	6	11	---	---	---	---	---	---	---
Commercial Helicopter (only)	2,500	2,664	2,833	4,286	4,689	5,214	5,624	5,923	5,660	5,695
Commercial Helicopter, Private glider	---	---	2	---	---	---	---	---	---	---
Commercial Helicopter, Commercial glider	3	2	2	---	---	---	---	---	---	---
Commercial Helicopter, Commercial Gyrocopter	1	1	1	---	---	---	---	---	---	---
Airline Transport Helicopter (only)	532	543	537	44	51	58	59	62	71	75
Rotorcraft (only)	1	---	1	17	16	15	12	10	11	11

1/ Prior to 1995, these pilots were categorized as private, commercial, or airline transport, based on their airplane certificate. In 1995 and after, they are categorized based on their highest certificate. For example, if a pilot holds a private certificate and a commercial helicopter certificate, prior 1995, the pilot would be categorized as private; 1995 and after as commercial.